



THE INSTITUTE FOR FOOD SAFETY AT CORNELL UNIVERSITY

Farm Readiness, Training & Regulatory Guidance Produce Safety

WHO WE SERVE

We serve fresh fruit and vegetable growers, farm workers, processors, packers, regulatory personnel, extension educators and others interested in the safety of fresh produce and in complying with the Food and Drug Administration's Food Safety Modernization Act (FSMA) Produce Safety Rule requirements.

TRAINING COURSES & WORKSHOPS

- **PSA Grower Training Course** provides a foundation of GAPs and co-management of natural resources and food safety, FSMA Produce Safety Rule requirements, and how to develop a farm food safety plan. Meets §112.22(c) requirements.
- **PSA Train-the-Trainer Course** provides detailed information about the PSA Grower Training Curriculum to develop PSA Trainers.
- **GAPs Training & Farm Food Safety Plan Writing Workshops** for those needing GAPs training and a farm food safety plan to have a third-party audit to meet buyer requirements.
- **Juice HACCP Certification Course** to meet training requirements ensuring safe processing of juice and to evaluate HACCP plans and practices.
- **GMPs Part 117 Online Course** outlines sanitary controls required for food processing and warehouses.
- **GAPs Online Produce Safety Course** provides training to reduce risks on fresh produce farms.

TECHNICAL RESOURCES

- Educational and technical resources to assist growers in implementing GAPs on the farm and in packing houses in English and Spanish.
- FSMA standardized curriculum materials to meet FSMA Produce Safety Rule requirements in English, Spanish, Chinese, and Portuguese.
- Templates and record keeping tools for developing a farm food safety plan.

TRAINING & SERVICES OFFERED

Training courses and technical assistance include:

- Produce Safety Alliance (PSA) Grower Training and Train-the-Trainer courses
- Good Agricultural Practices (GAPs) and Farm Food Safety Plan Writing Workshops
- Juice HACCP training
- Good Manufacturing Practices (GMPs)
- Distance learning opportunities and webinars
- Facilitation of stakeholder discussions that impact produce growers at local, state and federal levels

FOR MORE INFORMATION

For questions, please contact:

Elizabeth Bihn, PSA Director
eab38@cornell.edu | 315.787.2625

Donna Clements, PSA Coordinator
dmp274@cornell.edu | 909.552.4355



ONLINE RESOURCES

cals.cornell.edu/produce-safety-alliance (English)
es.producesafetyalliance.cornell.edu (Spanish)

TRAINING PROGRAMS

For information on PSA Grower Training and Train-the-Trainer courses:

cals.cornell.edu/produce-safety-alliance/training

For GAPs training:

cals.cornell.edu/national-good-agricultural-practices-program

For GMPs Part 117 training:

cals.cornell.edu/institute-for-food-safety/gmps-part-117

For information on HACCP and other food safety courses:

cals.cornell.edu/food-science/outreach-extension/events

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Cornell CALS

College of Agriculture
and Life Sciences

Institute for Food Safety at Cornell University

MISSION

The Institute for Food Safety at Cornell University takes a comprehensive approach to providing training and conducting research to support the food industry, from farm to fork, in reducing foodborne illness risks.

CALL

Nancy Long
315.787.2288

EMAIL

foodsafety@cornell.edu

VISIT

cals.cornell.edu/ifs

MAILING ADDRESS

Institute for Food Safety
at Cornell University
665 W. North Street
Geneva, NY 14456

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Produce Safety Training Programs

Cornell's produce safety trainings include the standardized national training program of the Produce Safety Alliance (PSA), as well as other regulatory and non-regulatory courses to support the produce industry in understanding and implementing food safety practices. Courses are conducted on a regular basis and are listed on the PSA website. Details for online and multi-day courses are listed below.

| | PSA GROWER TRAINING | PSA TRAIN-THE- TRAINER | FOOD SAFETY PLAN WORKSHOPS |
|-------------------------------------|--|--|---|
| SUITABLE FOR | Fruit and vegetable growers and others interested in learning about produce safety, the FSMA Produce Safety Rule, GAPs, and co-management of natural resources and food safety. This training is available in-person, through a self-paced 3 week online course, or live remote delivery format. | Produce safety educators and others who work with fruit and vegetable growers who are interested in becoming PSA Trainers or PSA Lead Trainers. This training is available in-person (2 day course) and through live remote delivery (4 half days course). | This workshop combines the PSA Grower Training (Day 1) with an optional farm food safety plan writing workshop (Day 2) to help fresh produce growers write their own farm food safety plan. |
| COMPLIES WITH | FSMA Produce Safety Rule | FSMA Produce Safety Rule | Some audit requirements |
| CERTIFICATE ISSUED/ ISSUED BY | Yes; AFDO/ PSA certificate. Meets §112.22(c) requirements. | Yes; AFDO/ PSA certificate. Meets §112.22(c) requirements. | Yes; Cornell University. |
| | GAPs ONLINE COURSE | GMPs FOR GROWERS, PROCESSORS OR VALUE-ADDED | JUICE HACCP |
| SUITABLE FOR | Fruit and vegetable growers interested in improving their understanding of GAPs to guide implementation of best practices and assessment of risks. | Fruit and vegetable growers interested in ensuring they meet generally accepted standards for Good Manufacturing Practices; others to meet sanitary and processing requirements. | Juice processors evaluating their processing operations in conducting a hazard analysis; others involved in developing or implementing a HACCP plan. |
| COMPLIES WITH | Some buyer requirements; Assistance in developing a farm food safety plan required by many third party audits and buyers. | FSMA Produce Safety Rule; Some buyer requirements and third party audits. | Title 21, Code of Federal Regulations (21 CFR) part 120, the Juice HACCP regulation and some buyer requirements. |
| CERTIFICATE ISSUED/ ISSUED BY | Yes; certificate of course completion from the National GAPs Program. Online course currently does not meet §112.22(c) requirements. Taking this course will not result in your farm being "GAPs Certified." GAPs certification is done by a third party (e.g. USDA, Primus, Global GAP) and involves the successful completion of an on-farm audit. | Yes; Cornell University. | Yes; Cornell University. |

For more information, please visit: cals.cornell.edu/produce-safety-alliance (English)
es.producesafetyalliance.cornell.edu (Spanish)
cals.cornell.edu/national-good-agricultural-practices-program (GAPs Training)